

Allowable Subject Matter

Claims 1-7 allowed.

The closest relevant art is Steel (3,259,053) wherein Steel teaches an air circulator in a window with glass panel (10) wherein the window frame (11) with stile has openings with filters (18) and a fan mechanism and air circulation passageway paths (35, 36) (see Figs. 1, 2, 4 & 5, col. 1, lines 12-20, col. 2, lines 3-8, lines 44-71).

The following is an examiner's statement of reasons for allowance: None of the prior arts teaches an automatic air purifying window comprising a sheet of glass and a window stile for holding the sheet of glass wherein the window stile comprises a discharge part including an indoor air induction port to induce indoor air through the filter attached to the front side of an upper window stile, an upper guide member, an indoor air discharge port to discharge some portion of the indoor air induced from the indoor air induction port to the outside through a filter attached to an upper portion of a rear side window stile along a discharge passageway formed inside the upper guide member, a filter attached to the lower portion of the rear side of the side window stile, a lower guide member to guide air current induced from the outdoor air induction port, a purification cartridge which is a photocatalyst filter embedded at an inner portion of a lower window stile to purify air, a light transmission formed at a rear side of the lower window stile, and a purified air discharge port adapted to be opened and closed to the front of the lower window stile for allowing exchange of the purification cartridge and to allow the purified air passing through the purification cartridge to be induced into the room through a filter attached to the center of the purified air discharge port.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MINH-CHAU T. PHAM whose telephone number is (571)272-1163. The examiner can normally be reached on Mon/Tues/Thur/Fri 7:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on (571) 272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Unit 1797

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